



State of Utah
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WATER QUALITY

m/021/004

Michael O. Leavitt
Governor
Dianne R. Nielson, Ph.D.
Executive Director
Don A. Ostler, P.E.
Director

288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
(801) 538-6146
(801) 538-6016 Fax
(801) 536-4414 T.D.D.

RECEIVED

APR 26 1993

DIVISION OF
OIL GAS & MINING

April 20, 1993

Mr. Gary Gamble
Environmental Engineer
Hecla Mining Company
Box C-8000
Coeur d'Alene, ID 83814-1931

RE: Drilling Plans for Consent Agreement,
Docket No. UGW93-04

Dear Mr. Gamble:

We received the drilling plans, dated April 1, 1993, for the monitoring well to be located at the Escalante unit as required by the Consent Agreement. The drilling plans are acceptable except for the following minor changes and suggestions:

1. On page 4 under item 6.0 the screened interval should be determined from the geophysical and drillers logs. The well will have a much higher yield during pumping if the screen is placed well below the water table.
2. Same page. Schedule 40 PVC may not have sufficient strength if used below 200 feet. Schedule 80 would be preferable.
3. On page 6 under Well Development; if the driller has an air compressor on the drill rig, or if one is available on site, the compressor may be more convenient to use than a surge block.
4. On page 8; during the drawdown and recovery test, well TMW2, should be checked for drawdown, as it is close enough it may respond during the pumping test. This would be useful data.

The drilling plans are approved subject to the above additions that should be added to the document. Please send us a revision of the document when it is complete.

Mr. Gary Gamble
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The drilling should be completed this summer or before November 1993 at the latest. Please advise us whom you select for a drilling contractor and when the work will start. If our time permits, we would like to observe the drilling and the geophysical logging.

Sincerely,



Fred C. Pehrson, P.E., Manager
Permits, Compliance & Monitoring Branch

FCP:MC:gt

cc: Wayne Thomas
SW District Health Dept.
DOGM

P:DRILLINGPL1.TR
FILE:HECLA MINING COMPANY